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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/723,500	11/26/2003	Kendall W. Prince	9002.16	8993

7590 06/26/2006

KIRTON & McCONKIE
60 East South Temple, Suite 1800
Salt Lake City, UT 84111

EXAMINER

CHEN, BRET P

ART UNIT	PAPER NUMBER
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1762

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/723,500

Applicant(s)

PRINCE ET AL.

Examiner

B. Chen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 April 2006.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-24 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claims 1-24 are pending in this application.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hey et al. (4,987,856) for the reasons listed in the previous office action.

Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Toshima (4,785,962) for the reasons listed in the previous office action.

Response to Arguments

Applicant's arguments filed 4/7/06 have been fully considered but they are not persuasive.

Applicant first argues that Hey's load lock does not correspond to an aperture nor does it teach a device having an aperture where that device applies or comprises a coating material (p.8 first full paragraph). Specifically, the applicant argues that the chamber in which a coating is applied is separate from the aperture through which a substrate is passed (p.8 lines 11-13).

The examiner disagrees. With respect to the aperture, it is noted that aperture is defined as "an opening or open space: hole" (Webster's Dictionary). The port 12 in Hey's load lock coating apparatus meets this limitation as it is an opening to access the apparatus. With respect

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to the issue of a device that is separate from the aperture, it is noted that the independent claims never require such a limitation. For example, claim 1 essentially requires pushing a substrate through an aperture of a substrate coating device and applying a coating with the substrate coating device. Hey teaches moving a substrate through a port of the coating apparatus in which that apparatus will eventually coat the substrate, albeit in a separate area. It is the examiner's position that applicant's arguments are not commensurate in scope with the instant claims as presently written. If the applicant were to amend the claims to recite that the coating takes place in the same chamber as the aperture without adding new matter, the examiner will consider withdrawing this rejection.

Applicant argues the same issues with the Toshima reference (p.9). These issues have been addressed above.

Applicant further mentions that Toshima makes no suggestion of coating being applied at or by the device having an aperture (p.9 second full paragraph).

The examiner disagrees. There is simply no recitation in the independent claims that the coating be applied "at or by" the device having the aperture. If such language were to be incorporated, the examiner would consider withdrawing the present art rejection provided that "at or by" has proper support and is not vague and indefinite.

Lastly, it is noted that the title of the invention is directed to extrusion and that pp.6-9 of the specification is directed to coating and finishing a stock material. If the applicant would consider including some of these limitations in the claims, the art rejections over semiconductor art may be excluded.

Applicant's arguments have been considered but are not deemed persuasive.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to B. Chen whose telephone number is (571) 272-1417. The examiner can normally be reached on 7:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Meeks can be reached on (571) 272-1423. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Bc
6/21/06


BRET CHEN
PRIMARY EXAMINER